
	<p align="center">US ATLAS MUON SPECTROMETER CATHODE STRIP CHAMBER</p>	
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Electronics Power:

Power/chamber : 258.3 Watts
Power/endcap (32chambers) : 8265.6 Watts

Power Dissipated in the Cable:

Power supplies located at UX15 , 25m away from the wheel.
AWG 4 for 25m run.
AWG 3 for 12m run in the wheel.
AWG18 for 2m run in the faraday cage (pigtails).

Power_cable/endcap : 3936 Watts
Voltage Drop/leg* : 1.66 Volts
Voltage required at UX15 : 10.32 Volts

Total Power Dissipated by CSC : 12201.6 Watts
Weight of Copper/endcap : 876 lbs.

* These numbers represent calculations based on electronics that were not subjected to radiation. Upon completion of the radiation induced effects tests the numbers will be appropriately re-calculated.